IAP15 Rec'd PCT/PTO 17 JAN 2006

Attorney Docket No. 1454.1666

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ın re Patent Ap	pplication of.	
Robert FISCH	ER et al.	
Application No	o.: G	roup Art Unit:
Filed: (Concu	rrently) E	xaminer:
For: NONLI	INEAR PRECODING METHOD FOR A	DIGITAL BROADCAST CHANNEL
	INFORMATION DISCLOSU	RE STATEMENT
Commissioner PO Box 1450 Alexandria, VA		
Sir:		
provided certa subject U.S. p	in information which the Examiner may	sions of 37 CFR § 1.56, there is hereby consider material to the examination of the e Examiner make this information of record ect application.
1.	Enclosures accompanying this Informa	tion Disclosure Statement are:
	 Copy(ies) of IDS citation(s), exce Application publications. English language copy of a commor a PCT International Search Remarks English language translation (con attached to non-English language Form PTO-1449. 	riplete, Abstract or relevant portion(s)) e publications as indicated on the attached ferences (ATTACHMENT 1(e), hereto) for
1f. 1g.	List of Copending Applications (A	
2.		concise explanation of what is presently the non-English language publication is
2a.	"English language version of the s	2a, 2b, 2c and/or 2d) tage publication(s) cited on the enclosed search report or action which indicates the foreign office". (See MPEP § 609,

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		Concise Explanation of Relevar		8th Ed., Rev. 2)
2	2b. 🗌	set forth in the application.		
2	2c. 🗌		an E	age publication(s) indicated on the English language translation (complete,
2	2d. 🗌	enclosed as Attachment 1(e), t		
	to be, ma (other that	aterial to patentability nor a repr an search report(s) from a coun	ese terp	ited in this Statement is, or is considered ntation that a search has been made art foreign application or a PCT rewith). 37 CFR §§ 1.97(g) and (h).
				Respectfully submitted,
				STAAS & HALSEY LLP
Dated: 1201 New Washington Telephone: Facsimile:	York Ave n, D.C. 2 : (202) 43	., N.W., Suite 700 20005 34-1500	Ву:	Richard A. Gollhofer Registration No. 31,106

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ĺ	EOPM PTO 1440	LLC DEDARTMENT OF COMMERCE	ATTORNEY DOCKET NO.	APPLICATION NO.
FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	1454.1666	10/564832
l			FIRST NAMED INVENTOR	
l	INFORMATION OF		Robert FISCHER	
1		SCLOSURE STATEMENT	FILING DATE	GROUP ART UNIT
Ì	(Use sev	reral sheets if necessary)	(Concurrently)	

U.S. PATENT DOCUMENTS

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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
AG					
 АН					
 Al					
AJ					

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

		ter erended (moedding storrior), firee, brite, erender stoed	/	
,	AK	C. WINDPASSINGER et al.; "Low-Complexity Near-Maximum - Likelihood Detection and Precoding for MIMO Systems using Lattice Reduction", ITW2003, Paris France, March 31-April 3, 2003, pp. 345-348.	TRANSLA YES N	
	AL	R. F. H. FISCHER et al.; "MIMO Precoding for Decentralized Receivers", Proceedings 2002 IEEE Int'l Symposium on Information Theory, June 30-July 5, 2002, p. 496.		
	АМ	W. YU et al.; "Trellis Precoding for the Broadcast Channel", Globecom '01, 2001 IEEE Global Telecom Conference, Nov. 25-29, 2001, Vol., 2 of 6, pp. 1344-1348.		

EXAMINER DATE CONSIDERED

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTACHMENT 1(g)

	1454.1666 FIRST NAMED INVENTOR	107564832
LIST OF ADDITIONAL SUBMITTED DOCUMENTS	Robert FISCHER et a	al. GROUP ART UNIT
	(Concurrently)	

The following document(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application.

It is requested that the Examiner acknowledge his consideration of document(s) below-listed by initialling same in the space provided adjacent each such application and that the Examiner sign and date this form at the bottom thereof to confirm such consideration having been given.

This submission in no way represents an admission that any of the information listed herein constitutes prior art with respect to the subject application; and unless and until such prior art status is established, this submission is not a request that the information presented herein be printed on the face of any patent issuing from the subject application in which this information is being filed.

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA					,	
	AB						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSI YES	ATION NO
AC							
AD							

OTHER DO	CUME	NTS (Including Author, Title, Date, Pertinent Pages, Etc.)	TRANSL YES	ATION NO
:	AE	International Search Report for International Application No. PCT/DE2004/001455 mailed November 11, 2004		

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if document considered, whether or not cit	ation is in conformance with MPEP 609: Draw line through
citation if not in conformance and not considered. Include copy of	of this form with next communication to applicant.